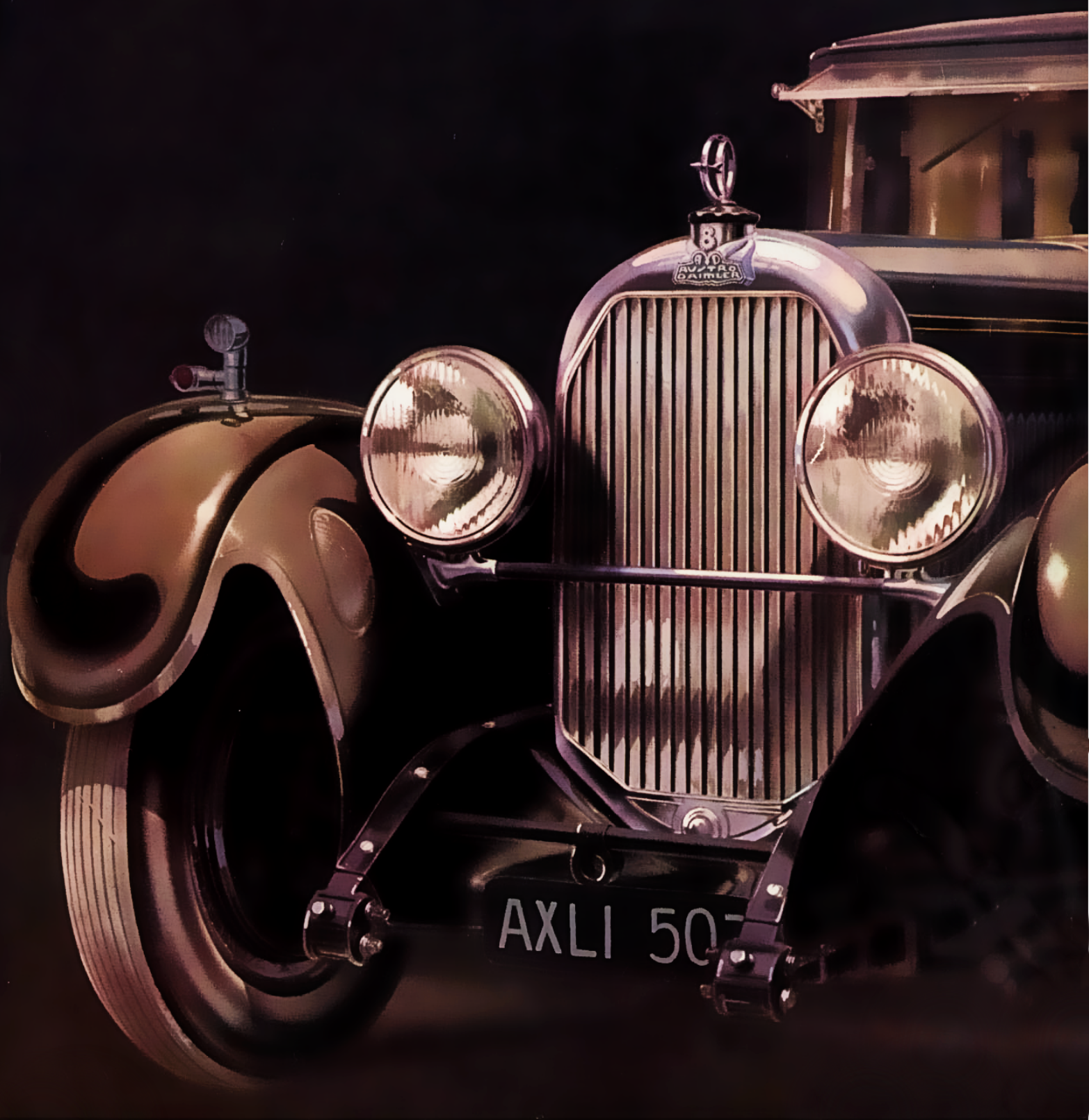




AUSTRO DAIMLER
ALPINE



8

AUSTRO DAIMLER 32-100 H. P. "ALPINE EIGHT"

Since first Motor Cars were built, Austro Daimler is definitely foremost among the few first class Makers who have broken new ground in striving towards perfection.

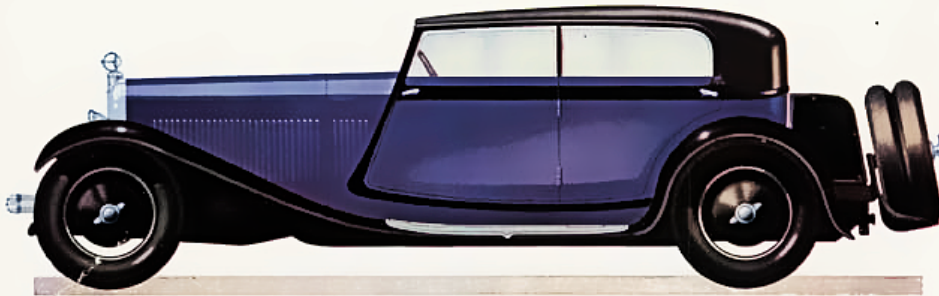
During the last thirty years the advanced character of the designs which originated in our Experimental Drawing Offices and Workshops, when finally proved before production and issued to the car user, in each instance represented large and successful strides forward. Time after time we have successfully broken away from tradition, our innovations subsequently becoming the standard practice of our competitors.

In our latest production, the **Austro Daimler Alpine Eight**, we are presenting a type of car which exceeds all the requirements of the most critical owner. Lengthy and prolonged experiments have led us to select the 8 cylinder in line power unit (Straight Eight), on account of the combination of smoother and greater development of power at both high and low revolutions, the better acceleration, the better flexibility, and the greater absence of vibration than is to be found in any other arrangement. The less prominent features of the engine specification have received the same careful selection and prolonged test, so as to increase to a maximum these qualities.

The phenomenal success of the independently sprung Tubular Chassis, with its low centre of gravity, and unrivalled road safety qualities, automatically necessitated the use in the **Alpine Eight** of this type of chassis.

The revolutionary qualities of the independently sprung rear wheels and three part cantilever transverse springing, naturally compelled the inclusion of these features in this new model.

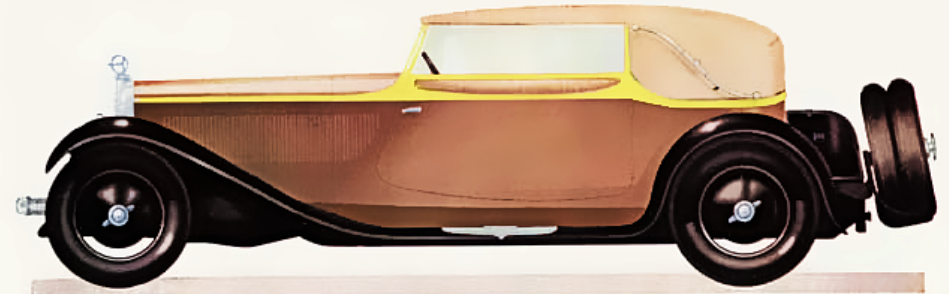
Under our supervision and in collaboration with our Engineers, we produce a limited number of high grade Coachbuilt bodies, which are so constructed that the passengers have maximum comfort and travelling luxury, so that even on the longest journeys fatigue does not exist.



THE FIVE SEATED SALOON

This is a handsome well equipped body, with accommodation up to five persons. Low overall height, without interfering with the seating comfort or head room, allows a very elegant line. Nevertheless adequate windows afford good vision either side.

Winding handle window lifts are fitted, and unsplinterable glass to all four doors. Arm rests and folding arm rest is fitted to the rear seat. Seat cushions are upholstered with the latest patented springs giving unusual comfort. Cigarette lighter, ashtrays, seat pulls, hat peg, roller blind actuated from the driver's seat are fitted, so also stop and spotlight, windscreen wiper, direction indicators, driving mirror. Interior lighting is automatically actuated by door movement.

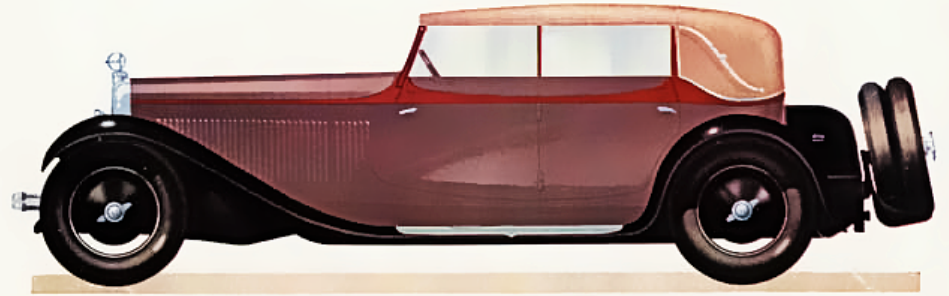


THE FOUR SEATED ALLWEATHER

This is an exceptionally beautiful body. The Tubular frame with its low floor enables coachwork of beautiful symmetry and proportion to be constructed. The body is spacious and comfortable but nevertheless very low and not wide.

The line of the wings is carried through in one sweep to the rear, a well proportioned back being finished off by the travelling trunk and spare wheel. This form of body is ideal for closed, open and semi-sporting use.

Two types of this body are supplied, either four door or two door. In each case the ease of access is marked.



Windows are fitted with winding handle lifts; doors are fitted with roomy pockets. Front seats of a particularly comfortable bucket type are fitted, there being room on the back seat for two to three persons with an arm rest folding flush in the centre. Upholstery is of the best quality leather and cloth.

The folding head which is made of the best quality proofed material, can be put up and down with ease and folds neatly.

Cigarette lighters fitted for back and front seats, ashtrays, interior lights automatically operated by door movement, screen wiper, direction indicator, stop light and folding arm rests.



THE SIX-SEVEN SEATER ENCLOSED LIMOUSINE

The well known elegance and good taste of this series of bodies is not better displayed than in this seven seater enclosed limousine. This body is noteworthy for the high quality luxury equipment.

A partition is fitted between front and rear seats, taking up very little space. The front seats are upholstered in the best quality leather, the rear compartment being upholstered in the best quality cloth. A folding arm rest is fitted to the centre of the rear seat. The centre portion of the rear seat back squab can be drawn forward to seat a third person out of line with the other two so that their comfort is not interfered with.

Easy access provided through ample wide doors. Door locks. Windows of unsplinterable glass fitted, with winding handle window lifts. A centre cupboard containing companion items with clock fitted. Pockets fitted to doors. Cigarette lighters, ashtrays hat peg, seat pulls, rug rope. Spring roller blind fitted to partition and side lights. Back light roller blind actuated by driver. Foot rests, interior lighting actuated by door movement, spot and stop lights, driving mirror, direction indicators windscreen wiper.

AUSTRO DAIMLER 32-100 H. P. "ALPINE EIGHT" CHASSIS SPECIFICATION

Engine. Eight Cylinders in line (Straight Eight). 80 mm Bore. 115 mm Stroke. C. C. 4624 R. A. C. Rating 31.8 H. P. Power output at normal engine revolutions 100 B. H. P. Cylinder block, upper half crankcase and water cooling jacket one light alloy casting; easily detachable and replaceable, cylinder liners. Nine bearing crankshaft with vibration damper combined with flywheel. Detachable cylinder head with overhead valves and turbulent "anti-knock" combustion chambers; overhead camshaft driven by silent triple roller chain self-tensioning. — **Carburettor.** Double down draught carburettor. Fuel feed by electric pump, metal air cleaner, petrol filter, strangler. — **Ignition.** By special Bosch H. T. magneto and battery each independent but synchronised for simultaneous use; two sets of sparking plugs; magneto potential not varied by advance or retard. — **Lubrication.** Central forced feed lubrication, dry sump system with two gear wheel pumps and separate oil reservoir. Oil continuously passes filter, filtering medium easily replaced and oil pressure and level gauges. — **Cooling.** Centrifugal pump on the camshaft, four bladed fan. Flat honeycomb radiator with thermostatically operated shutters. Dashboard thermometer. — **Clutch.** Single plate cl. ch. Centre ball charge control. — **Gearbox.** Four speeds forward, and reverse. Third speed, direct. Silent fourth speed with helical constant mesh and dog engagement, gearbox speedometer drive. — **Frame and transmission.** Tubular frame encloses and supports cardan shaft, differential and axle casing. Rear wheels driven through independently, oscillating half axles wholly enclosed but easily detachable. Pump lubricated universal joints form integral part of differential assembly. Solid drawn steel tube frame, the front end forked with box section arms extended forward carrying the engine, etc. — **Steering.** Left or right hand, worm and roller, easily adjustable. **Springs.** Front, threequarter elliptic. Rear transverse, three part cantilever each side. — **Wheels and tyres.** Detachable, wire, wellbase, 80 mm hubs. Tyre size 6.50 for 20. One spare wheel and tyre. — **Brakes.** Foot brake acting on all four wheels, oil pressure actuation. Handbrake on rear wheels only, mechanically actuated. — **Chassis lubrication.** Fully centralised pressure system, operated by foot pump fed from the main engine oil supply. — **Lighting.** Bosch. Head, side and tail lights, stop, reversing and spotlights. Instrument board and underbonnet lights. — **Petrol tank.** 22 gallon at rear, cylindrical spare petrol container inside tube. — **Instrument board fittings, etc.** Speedometer with odometer and trip, petrol gauge. Thermometer, Oil level and pressure gauges. Front shock absorbers. Wind and Bosch electric horns. First class kit of tools and various spares. — **Chassis dimensions.** Wheelbase 12' 2 1/2" [3725]. Track, front 4' 7 1/2" [1410]. Track, rear 4' 9" [1450] (a). Overall length 16' 3" [4960], with bumper and folded luggage grid 16' 9" [5115] (b). Overall width 5' 11" [1810] (c). Clearance 8" [200] (d).

The accuracy of this specification is not guaranteed. The Manufacturers reserve the right of revision at their discretion.

AUSTRO DAIMLER-PUCHWERKE A. G., VIENNA
I. SCHWARZENBERGPLATZ 18

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